

FIGURE 1

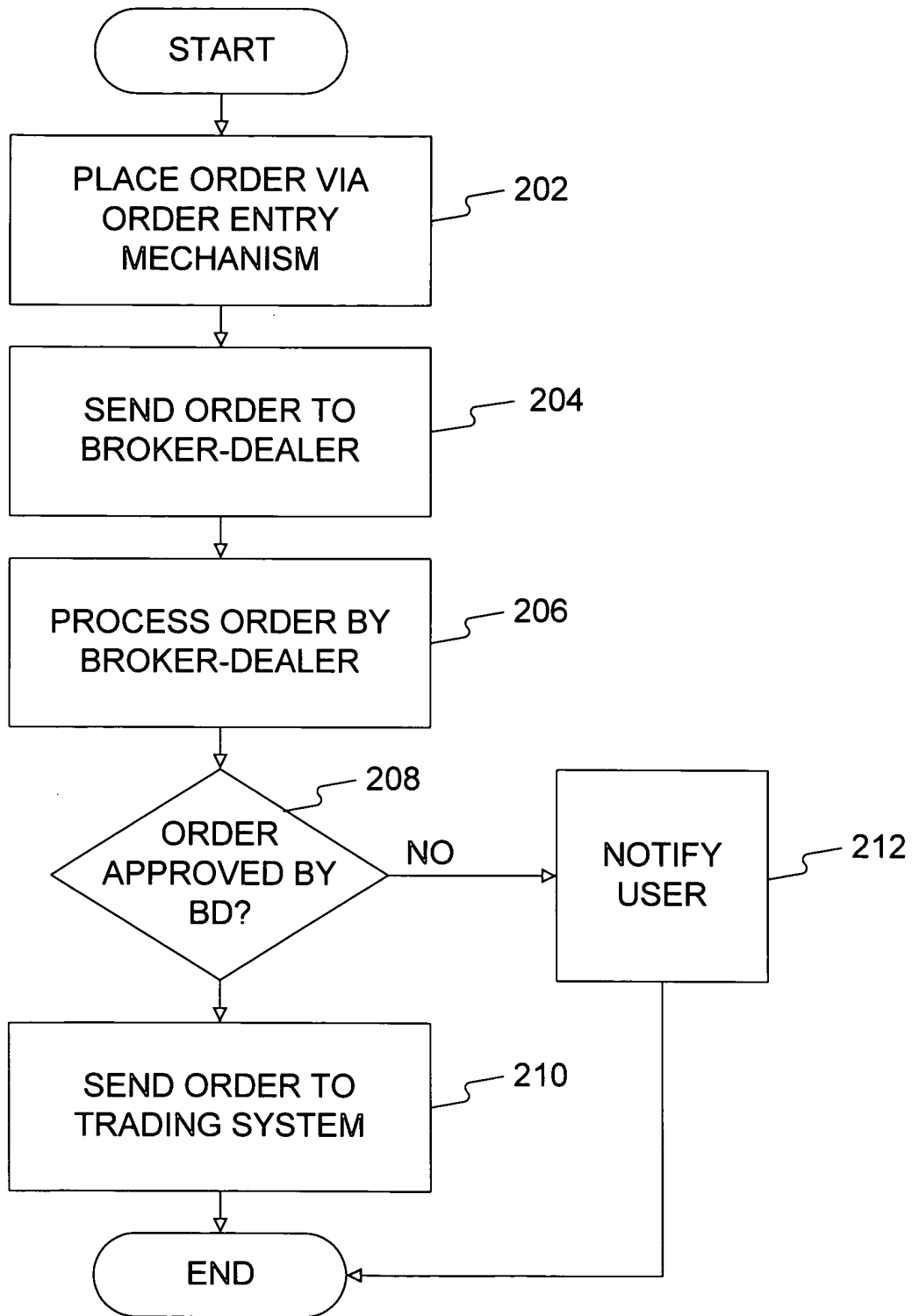


FIGURE 2

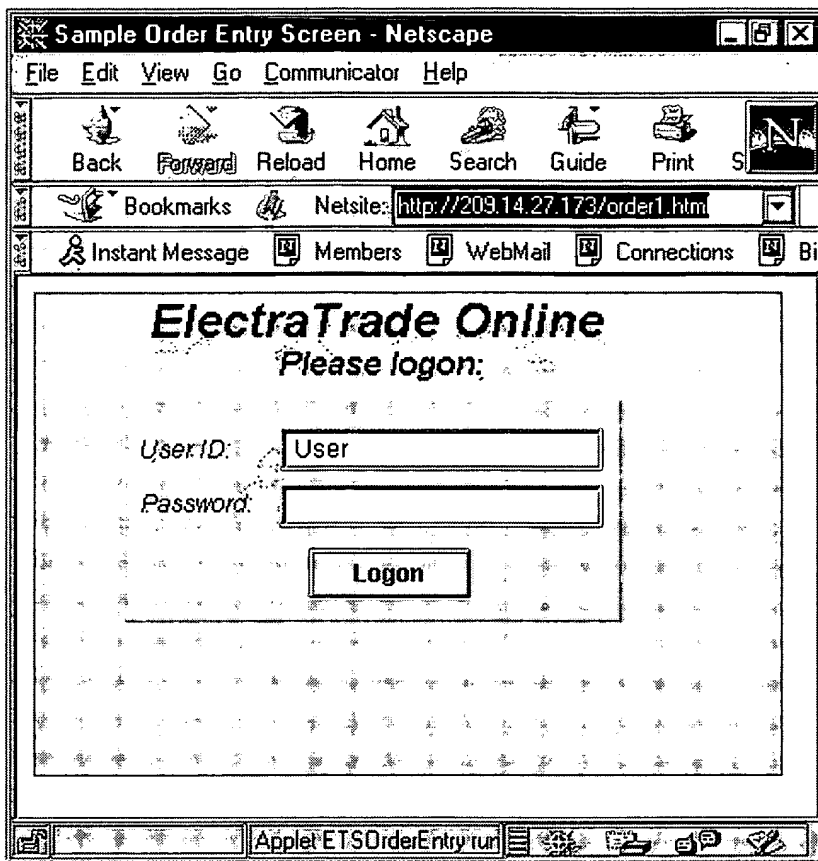


Figure 3a

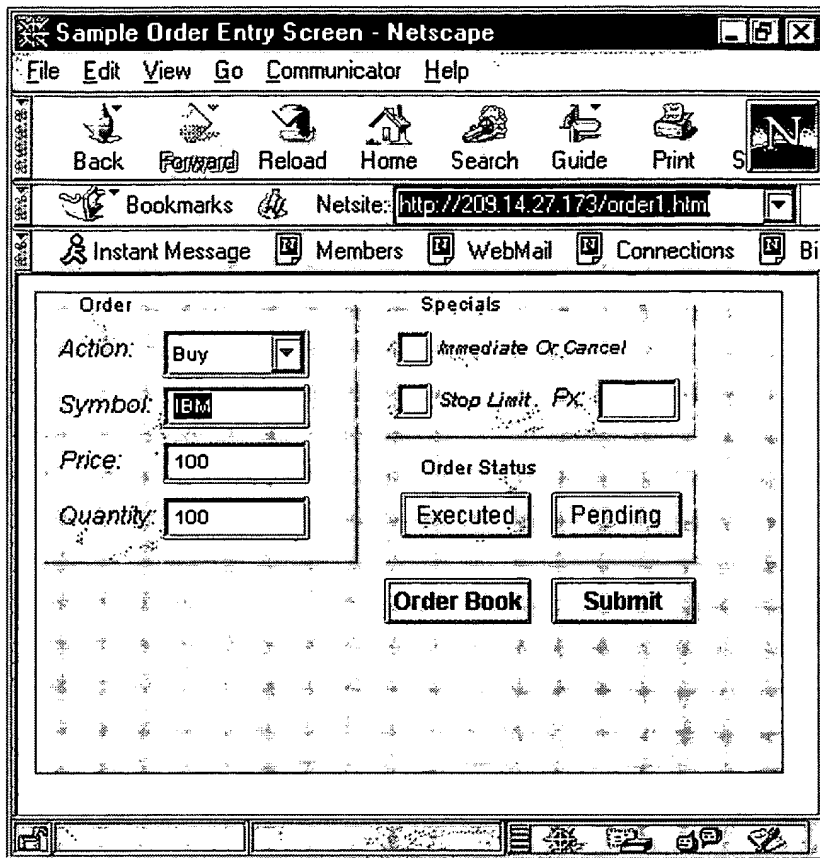


Figure 3b

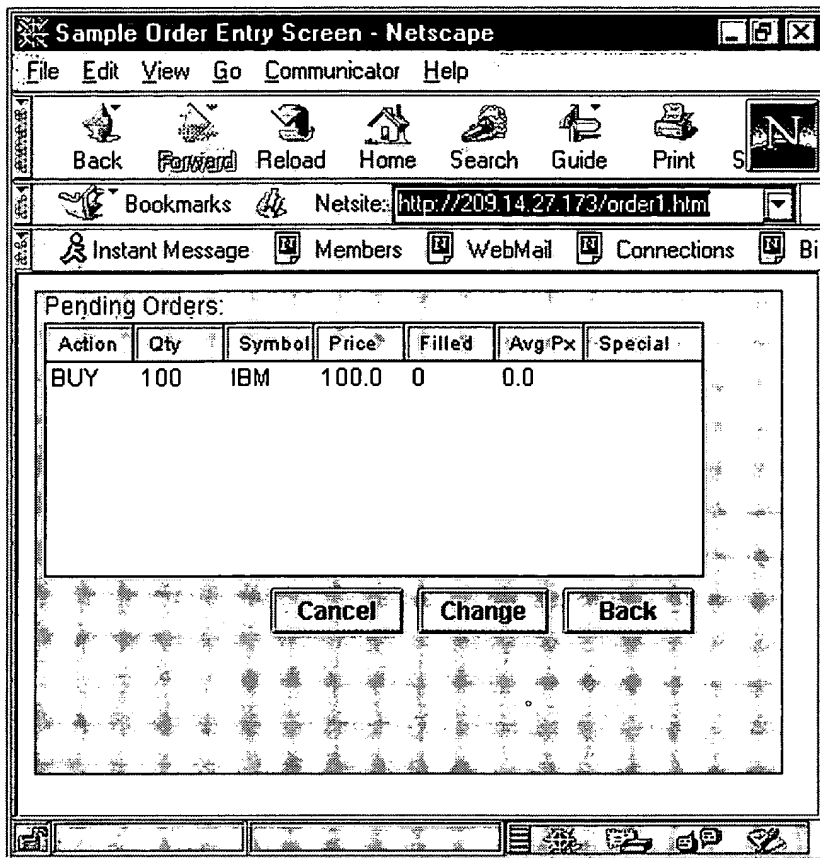


Figure 3c

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graph TD; START([START]) --> 402[RECEIVE ORDER]; 402 --> 404[SEND ORDER TO MATCHING ENGINE]; 404 --> 406[MATCHING ENGINE CHECKS DATABASE FOR OPEN ORDERS]; 406 --> 408{MATCH FOUND?}; 408 -- YES --> 410[REGISTER A MATCH]; 410 --> 412[UPDATE DATABASE]; 408 -- NO --> 414[STORE IN DATABASE AS AN OPEN ORDER]; 414 --> 412; 412 --> END([END]);
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The flowchart illustrates the process of handling an order. It begins with a 'START' terminal, leading to a process block 'RECEIVE ORDER' (402). This is followed by 'SEND ORDER TO MATCHING ENGINE' (404), then 'MATCHING ENGINE CHECKS DATABASE FOR OPEN ORDERS' (406). A decision diamond 'MATCH FOUND?' (408) follows. If the answer is 'YES', the process continues to 'REGISTER A MATCH' (410), then 'UPDATE DATABASE' (412). If the answer is 'NO', the process goes to 'STORE IN DATABASE AS AN OPEN ORDER' (414), which then also leads to 'UPDATE DATABASE' (412). Finally, the process ends at the 'END' terminal.

FIGURE 4

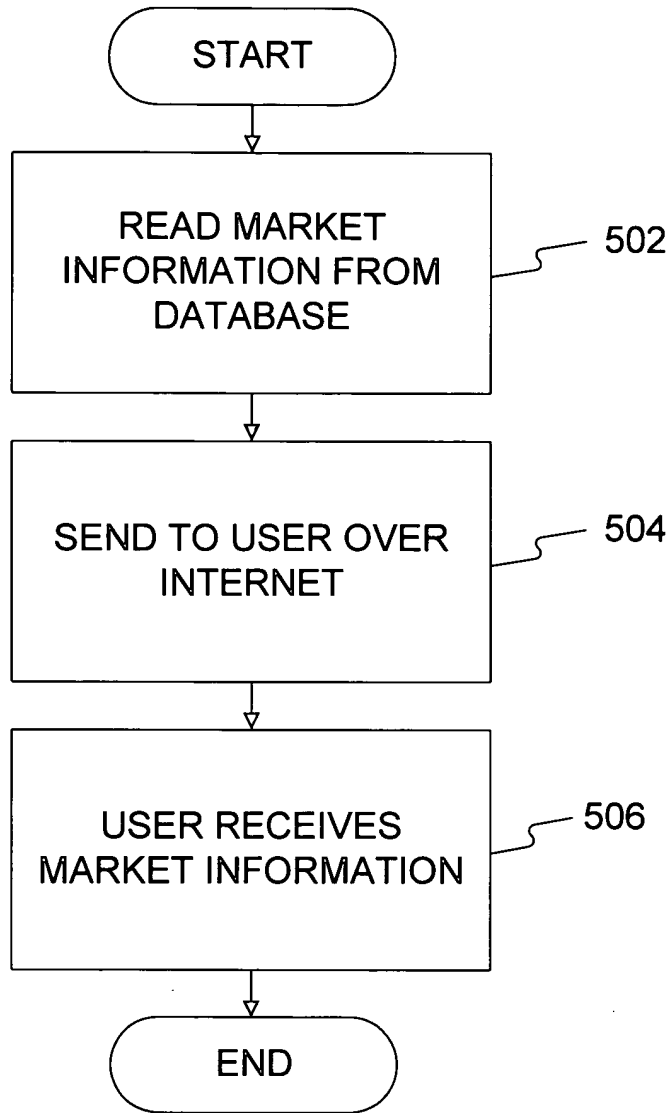


FIGURE 5

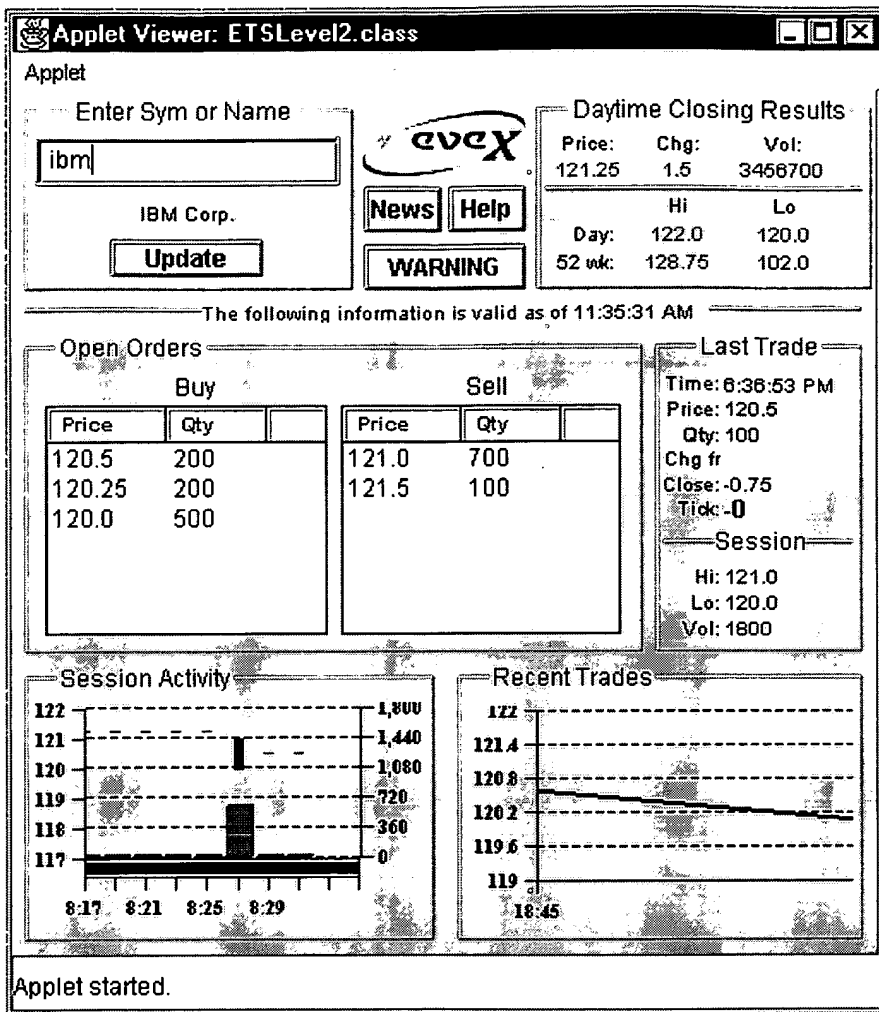


Figure 6